

TESTS OF BOILER STEEL.

Tests of 24 Steel Plates manufactured by the Steel Company of Scotland of Newton,
for Boiler No. 280 to be constructed by Messrs A. Stephen & Co of Govan, Glasgow
for S.S. No. 280, building by Messrs A. Stephen & Co of Glasgow.

Date first visit 4th April/83 last visit 11th April/83 No. of Visits 4

The Steel plates specified in the accompanying copy of Advice Notes were rolled from
12 charges. The tensile test has been applied to 3 samples as set forth below,
and the temper and bending tests to samples representative of each plate
advised, all of which proved satisfactory.

When a second test is applied, the result should be recorded immediately below the record of the original test. The number of plates or bars included in a rejection must be clearly stated.

No.	Purpose.	Charge Mark.	No. of plates or bars in same charge	Mark on plate and test piece.	Dimensions.			Ultimate Stress.		Exten. in 8 ins.	Remarks.
					Thickn.	Brdth.	Area.	Total.	Sq. Inch.		
					Ins.	Ins.	Ins.	Tons.	Tons.	%	
1	6.0 x 68 1/2 x 7/16	S191	4	184	.686	1.23	.843	22.2	26.4	25.0	
2	9.6 x 68 1/2 x 7/16	R241	1	2677	.42	1.19	.50	13.94	27.8	25.0	
3	9.6 x 68 1/2 x 7/16	U77	1	207	.402	1.23	.531	14.48	27.4	25.0	

Fee £ : :

Expenses £ : :

£ : :

To be paid by the Steel Manufacturers

Charles Edwards
Surveyor, Lloyd's Register,